

1123

#2

OIEP

## RAW SEQUENCE LISTING

DATE: 11/16/2001

PATENT APPLICATION: US/09/986,234

TIME: 08:01:34

Input Set : A:\053893-5032-01.ST25.txt

Output Set: N:\CRF3\11162001\I986234.raw

3 <110> APPLICANT: Lazar, Mitchell A.  
5 <120> TITLE OF INVENTION: Methods, Compositions and Kits Relating to Resistin  
7 <130> FILE REFERENCE: 053893-5032-01  
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/986,234  
C--> 9 <141> CURRENT FILING DATE: 2001-10-22  
9 <150> PRIOR APPLICATION NUMBER: PCT/US00/11272  
10 <151> PRIOR FILING DATE: 2000-04-27  
12 <150> PRIOR APPLICATION NUMBER: 60/131,263  
13 <151> PRIOR FILING DATE: 1999-04-27  
15 <160> NUMBER OF SEQ ID NOS: 5  
17 <170> SOFTWARE: PatentIn version 3.1  
19 <210> SEQ ID NO: 1  
20 <211> LENGTH: 576  
21 <212> TYPE: DNA  
22 <213> ORGANISM: Mus musculus  
24 <400> SEQUENCE: 1

25	gtgggacagc	gagctaatac	ccagaactga	gttgtgtcct	gctaagtcct	ctgccacgta	60
26	cccacgggat	gaagaacctt	tcatttcccc	tccttttctt	tttcttccct	gtccctgaac	120
27	tgctgggctc	cagcatgcca	ctgtgtccca	tcgatgaagc	catcgacaag	aagatcaaac	180
28	aagacttcaa	ctccctgttt	ccaaatgcaa	taaagaacat	tggtttaa	tgctggacag	240
29	tctcctccag	aggggaagttg	gcctcctgcc	cagaaggcac	agcagtcttg	agctgctcct	300
30	gtggctctgc	ctgtggctcg	tgggacattc	gtgaagaaaa	agtgtgtcac	tgccagtgtg	360
31	caaggataga	ctggacagca	gcccgtgctg	gtaagctgca	ggtcgcttcc	tgatgtcggg	420
32	gaagtggagcg	tggtttccag	cacagccacc	cgttcctgta	gtccagaga	tgtctgatgt	480
33	cctccgggtct	ctacaggcac	ctgcactcac	gtgcgcgaat	ccacacacaa	gcacacatac	540
34	ttaaaaataa	aacaaaacag	gctggaaaaa	aaaaaa			576

36 <210> SEQ ID NO: 2  
37 <211> LENGTH: 114  
38 <212> TYPE: PRT  
39 <213> ORGANISM: Mus musculus  
W--> 40 <400> SEQUENCE: 2

42	Met	Lys	Asn	Leu	Ser	Phe	Pro	Leu	Leu	Phe	Leu	Phe	Phe	Leu	Val	Pro
43	1				5					10					15	
45	Glu	Leu	Leu	Gly	Ser	Ser	Met	Pro	Leu	Cys	Pro	Ile	Asp	Glu	Ala	Ile
46				20					25					30		
48	Asp	Lys	Lys	Ile	Lys	Gln	Asp	Phe	Asn	Ser	Leu	Phe	Pro	Asn	Ala	Ile
49			35					40				45				
51	Lys	Asn	Ile	Gly	Leu	Asn	Cys	Trp	Thr	Val	Ser	Ser	Arg	Gly	Lys	Leu
52		50					55					60				
54	Ala	Ser	Cys	Pro	Glu	Gly	Thr	Ala	Val	Leu	Ser	Cys	Ser	Cys	Gly	Ser
55	65				70					75				80		
57	Ala	Cys	Gly	Ser	Trp	Asp	Ile	Arg	Gly	Gly	Lys	Val	Cys	His	Cys	Gln
58				85					90					95		
60	Cys	Ala	Arg	Ile	Asp	Trp	Thr	Ala	Ala	Arg	Cys	Cys	Lys	Leu	Gln	Val
61			100					105						110		
63	Ala	Ser														
67	<210>	SEQ ID NO:	3													

ENTERED

## RAW SEQUENCE LISTING

DATE: 11/16/2001

PATENT APPLICATION: US/09/986,234

TIME: 08:01:34

Input Set : A:\053893-5032-01.ST25.txt

Output Set: N:\CRF3\11162001\I986234.raw

```

68 <211> LENGTH: 479
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
W--> 71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (140)..(140)
74 <223> OTHER INFORMATION: n can be a, c, t or g
76 <400> SEQUENCE: 3
77 gtgtgccgga tttggttagc tgagcccacc gagaggcgcc tgcaggatga aagctctctg      60
78 tctctctctc ctccctgtcc tggggctggt ggtgtctagc aagaccctgt gctccatgga      120
W--> 79 agaagccatc aatgagaggn tccaggaggt cgccggctcc ctaatatatta gggcaataag      180
80 cagcattggc ctggagtgcc agagcgtcac ctccaggggg gacctggcta cttgcccccg      240
81 aggtctcgcc gtcaccggt gcacttgtgg ctccgctgtg ggctcgtggg atgtgcgcgc      300
82 cgagaccaca tgtactgcc agtgcgcggg catggactgg accggagcgc gctgctgtcg      360
83 tgtgcagccc tgaggtcgcg cgcagcgcgt gcacagcgcg ggcggaggcg gctccaggtc      420
84 cggagggggt gcgggggagc tggaaataaa cctggagatg atgatgatga tgatgatgg      479
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 107
88 <212> TYPE: PRT
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 4
92 Met Lys Ala Leu Cys Leu Leu Leu Val Leu Gly Leu Leu Val Ser
93 1 5 10 15
95 Ser Lys Thr Leu Cys Ser Met Glu Glu Ala Ile Asn Glu Arg Ile Gln
96 20 25 30
98 Glu Val Ala Gly Ser Leu Ile Phe Arg Ala Ile Ser Ser Ile Gly Leu
99 35 40 45
101 Glu Cys Gln Ser Val Thr Ser Arg Gly Asp Leu Ala Thr Cys Pro Arg
102 50 55 60
104 Gly Phe Ala Val Thr Gly Ser Thr Cys Gly Ser Ala Cys Gly Ser Trp
105 65 70 75 80
107 Asp Val Arg Ala Glu Thr Thr Cys His Cys Gln Cys Ala Gly Met Asp
108 85 90 95
110 Trp Thr Gly Ala Arg Cys Cys Arg Val Gln Pro
111 100 105
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 4420
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 5
119 aacctagcca acatggtgaa actccttctc taactaaaaat acaaaaatta gccagggtatg      60
120 gtggcgagcg cctgtagtcc cagctacgtg ggaggctgag gcaggagaat cgcttgaacc      120
121 caggaggcag aggccttgcg tgagccgaga ttgcaccact gcactccagc ctgggcaaca      180
122 gagcgagacc ctgtctcaaa aaaaaaaaaac ttggtttcgt gtggtgtatc ttcgcttggt      240
123 tctgtgtgat ctgtgattgt ccttctgtcg tttcttggtt ttctcttatt ctcggcgtgt      300
124 tatgttgccg tgtgcttcgt ttggttctac tgttttctgt ttcttcttt ctggtttttg      360
125 tcagtcgtct tgtctgtctc cgcagcgcgc ttgtcactct ggtcgcgttg cctgtacgtc      420
126 attcgtcggt ctgcctgtct gttatcggtc tcgcatgatt gttttcctcc gggatcgcat      480
127 ggctgtcccc cttcttgtat gtcttcttgt ctctgggct cgtcttctcc cgctttctcg      540

```

## RAW SEQUENCE LISTING

DATE: 11/16/2001

PATENT APPLICATION: US/09/986,234

TIME: 08:01:34

Input Set : A:\053893-5032-01.ST25.txt

Output Set: N:\CRF3\11162001\I986234.raw

128	tttgtctttc	attctctctt	ttcattcctc	tttctttcac	aattacattt	cctctccgac	600
129	agtgagtcga	ttgtctagt	tcaggggaag	ggaaggggaag	aaacgaaacc	ctggggggga	660
130	tctaggagca	gacaagtcce	ctgctctgtg	ttttcataat	ctagtatcca	ggaaggggta	720
131	agcacccctgc	gtgtatctgg	ttgtaactaa	ctactcacia	ctgcacttgc	ctgtgtgaaa	780
132	acgtgagctt	gtgatgatgc	gtgacgtcag	gtaggcgctc	ctgactctcc	gtaacccaac	840
133	tttgccctgtg	ccttggggat	tcctccttgc	aggtaggaag	tgaggggtac	aggttccagc	900
134	tctgggctga	gacatgattc	agggttccac	cctgacctgg	ggctcctgga	gtcttggggc	960
135	cctggagggt	cccgtccact	gcccagactg	acccaggctc	tcgatgaagc	ctcattatga	1020
136	ggactggggg	aaaaggacc	agccacttcc	tggggagggtc	ggagaccca	gggtgagcgt	1080
137	caaggtagcc	tcaaagatga	gacgtcacct	cttgaaggca	gccatgagcc	ttgggtgggg	1140
138	acgtcactag	aggaagttca	ggccctat	tcggagggaag	cagttggaga	ccccatagga	1200
139	ggaagggcga	tggggcagta	gaaagtcgcg	gtgtccccgc	ccccctccagc	agctacgcgc	1260
140	cccactctct	tggagacgct	agatcagctc	ctccgggctc	actaaagaaa	ccacgcaggg	1320
141	ctcagatccg	ctccatcatc	atcatcatca	tcatcatcat	catctccagg	tttatttcca	1380
142	gctccccgcg	aaccctcccg	gacctggagc	cgcctccgcc	cgcgctgtgc	acgcgctgcg	1440
143	cgcgacctca	gggctgcaca	cgacagcagc	gcgctccggt	ccagtccatg	cccgcgcact	1500
144	ggcagtgaca	tgtggtctcg	gcgcgcacat	cccacgagcc	acaggcggag	ccacaagtgc	1560
145	agccggtgac	ggcgaagcct	gcagcccggg	acacaggagc	gtggactctg	agctgggagg	1620
146	ctgaggggtg	gagcgggagg	ggggtgggga	gcgcgggagg	gggttggggg	ggcgggggtg	1680
147	gggacgggga	cggctggagg	ctccaaccac	tgaatgggca	ctggaggcag	ggagtggagg	1740
148	tggacaccag	tgtccagatg	gtgggaggag	aaggctggga	gtcaggacca	agatccctag	1800
149	ggagtagagg	ctggacacgg	ggaacgtggc	ggggaggggg	cattcccagg	ggacttggaa	1860
150	cagaaatggg	cgcctggaca	acagtctcct	gcactcacct	cgggggcaag	tagccaggtc	1920
151	ccccctggag	gtgacgctct	ggcactccag	gccaatgctg	cttattgccc	taaatactgg	1980
152	ggggcaggag	gaaaggagac	agggggagct	gtgagaccaa	acggtccctc	ccccatcctc	2040
153	ccctagccct	gttggtttgg	agctaggtcc	ctgtgggcat	aggagctcac	tggcctccag	2100
154	gaccctgtct	tgagttgggt	gttttggagt	aagggaaggt	ttggagttag	agcggggatt	2160
155	gggtttggag	ccgtggataa	ggtggggaca	gtcggagggg	ttgggagtgg	agttgggggt	2220
156	gaatttatga	tctggttggg	tttgaggatg	agatttgggt	agcgtggggg	ctgggttggg	2280
157	gtcaggtctg	tgccagggat	cagttaggtc	tctgagaccc	ttggggagct	tgcccaagtg	2340
158	gggggtcctc	acttagggag	ccggcgacct	cctggatcct	ctcattgatg	gcttcttcca	2400
159	tggagcacag	ggtcttgcta	gacaccaaca	gccccaggac	agggaggagg	aggagacaga	2460
160	gagctttcat	cctgcaggcg	ctgaaagagg	gaaccaagag	acccacagct	ggatcagccc	2520
161	tgcctgtgtg	ggaagatccg	gcccattggg	ggagttagat	ctgccccctg	acctggaccc	2580
162	ctgtcccccc	atgtggggga	cagggatgga	ggctcagcct	tgaccccgagc	ctccccgctg	2640
163	gtgccatggc	aagcgcagga	gcagctgtca	cttaccctct	cgggtgggctc	agctaaccac	2700
164	atccggcaca	cgaattcctg	caccgcagct	ctttctttga	ggcctcttgg	ggtggggctt	2760
165	cctggcttgg	ctaataagtc	cctgggcccc	caaccctccg	gtcccacatc	cggggccaag	2820
166	aggaagcccc	tgagcagaca	gtaagggtcg	gaggaggaag	ggagccttcc	cacttccaac	2880
167	agggcctccg	tcttcatgtc	cagagactgg	tcaggagggtg	gtgccccagg	gataatgcca	2940
168	ggggctgtgg	tctgaggaac	aggtagacaa	gcagagtttt	gcatgcaagg	gtggctgatg	3000
169	caaacatgac	aaaattaatg	cctcttgcta	ggcatgggtg	ggacaagcac	ttgtagtccc	3060
170	agctactaag	gaggctgacg	tgagagaatt	gcttgagccc	gggagttcga	agctacagtg	3120
171	acttatgatc	acagcactgc	actccagtct	gggcaacaga	gcaagaccac	ttctctaaaa	3180
172	tagtaataat	aattatgtct	ctgggtgaga	atgacatacc	acattcatac	ccaaatgccc	3240
173	atgagcaata	gaactggtaa	ataaaatcat	ggtttatggc	cgggtggctca	cgcctgtaat	3300
174	cccagcactt	tgggaggcca	aggcggggcg	atcacttgag	gtcaggagct	tgagaccaac	3360
175	ctggccaaca	tgatgaaacc	ctgtctccat	tagacataca	aaaattaact	gggcgtgggtg	3420
176	gcgtgtgcct	gtaatccag	ctacttggga	ggctgagggtg	ggagaatcac	ttgaaccggg	3480

## RAW SEQUENCE LISTING

DATE: 11/16/2001

PATENT APPLICATION: US/09/986,234

TIME: 08:01:34

Input Set : A:\053893-5032-01.ST25.txt

Output Set: N:\CRF3\11162001\I986234.raw

177	gatgtggagg	ttgcagtgc	ctgagatcgt	gcccctgcac	tccatcctgg	atgactagct	3540
178	tgggcacccat	agcaagactc	catctcaaaa	agaagaaaga	aaaatcatgg	tttattccat	3600
179	caatggcatc	acctgcaaca	gaagtggaa	agccattgct	catgggcca	ggtccagctc	3660
180	atgtttcttc	ttggaccacc	catgagcttg	gaatggttat	acatttttat	ttgttctttg	3720
181	tttccagtac	aacgggcctt	tttgtggtaa	aatacatata	acatacaact	taccattata	3780
182	acttactttt	ttctgttttt	gagacggaat	cttgctctgt	cgcccaggct	ggagtgcagt	3840
183	ggcgcgatct	cggctcacta	caagctccgc	ctcctgggtt	cacgccattc	tcctgcttca	3900
184	gcctcccaag	tagctgggac	tacagggcgc	tgccaccacg	cccagcta	tttttgtatt	3960
185	tttttttttt	tagtagagat	ggagtttcac	cgtgttagcc	aggatggtct	cgatcccctg	4020
186	accttgtgat	ctgcccgcct	tggcctccca	aagtgcctgg	attacaggcg	tgaaccaccg	4080
187	tgcccggcct	tttttttttt	ttttttgaga	cggggtcttg	ctatgttgcc	caagctagtg	4140
188	tcagactcct	ggttcaagt	aatcctccca	ccttggactc	cccagtagct	gaagctacag	4200
189	gtatgcacca	tcttgttcca	ttttaaccat	tgcttttggt	tgtttctttg	tttcagagtc	4260
190	tcactcagtt	gctcaggctg	gagtacagtg	gctcaatctt	ggctcactgc	aacctccacc	4320
191	tcctgggttc	aagcaattct	cctgcctcag	cctcccaggt	agctgggatt	acaggcgtgc	4380
192	accacccatgc	cgggctaatt	ttttgtat	tttagtagaga			4420

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/986,234

DATE: 11/16/2001

TIME: 08:01:35

Input Set : A:\053893-5032-01.ST25.txt

Output Set: N:\CRF3\11162001\I986234.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:40 M:283 W: Missing Blank Line separator, <400> field identifier  
L:71 M:283 W: Missing Blank Line separator, <220> field identifier  
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3